

NPDES ID(s): DC0000019
State: DC
Major/Minor Indicator:
Violation Date: 01/01/2012 - 09/30/2015
Violation Type(s): Effluent Violation

Environmental Protection Agency
Integrated Compliance Information System
Violations Report

Created Date: 09/15/2010
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Report Version 1.3, Modified: 11/08/2013

DC0000019

Permittee Name:	WASH AQUEDUCT-DALECARLIA PLANT	Primary SIC Code:	4941	Permit Issued:	10/20/2008
Permittee Address:	5900 MACARTHUR BLVD, NW WASHINGTON, DC 200162514	Primary SIC Desc:	Water Supply	Permit Effective:	11/20/2008
Major/Minor Indicator:	Major	Primary NAICS Code:		Permit Expired:	11/19/2013
Compliance Track. Status:	On	Primary NAICS Desc:		Permit Status:	Expired
DMR Non Receipt Flag:	On	Cognizant Official:	Thomas Jacobus, General Mgr.		
RNC Tracking Flag:	On	Receiving Body:	POTOMAC RIVER		

Facility Information

Facility Name:	WASHINGTON AQUEDUCT	County:	District of Columbia	FRS ID:	110000500841
Facility Location:	5900 MACARTHUR BLVD, NW WASHINGTON, DC 200162514	Region:	03	Federal Facility Ownership:	Y
		State-Region:		Type of Ownership:	Federal Facility (U.S. Government)

Effluent Violations

Violation Code	Monitoring Period End Date	Limit Set	Parameter	Mon. Loc.	Seas. ID	SNC Group	EA Identifier	Value Type/ Stat. Base	Reported Value/Units	% Exceed.	Limit Value/ Units	RNC Det. Code/ RNC Det. Date	RNC Res. Code/ RNC Res. Date
E90	02/28/2015	004-A	00530 - Solids, total suspended	1	0	1		C2 30DA AVG	8,000 mg/l	26,567%	<=30 mg/l	T 02/28/2015	2 06/30/2015
E90	02/28/2015	004-A	00530 - Solids, total suspended	1	0	1		C3 DAILY MX	8,000 mg/l	13,233%	<=60 mg/l		
E90	02/28/2015	004-A	00980 - Iron, total recoverable	1	0	1		C2 MO AVG	92.2 mg/l	4,753%	<=1.9 mg/l	T 02/28/2015	2 06/30/2015
E90	02/28/2015	004-A	00980 - Iron, total recoverable	1	0	1		C3 DAILY MX	92.2 mg/l	2,326%	<=3.8 mg/l		
E90	02/28/2015	004-A	01042 - Copper, total [as Cu]	1	0	2		C2 MO AVG	1.05 mg/l	6,076%	<=.02 mg/l	T 02/28/2015	2 06/30/2015
E90	02/28/2015	004-A	01042 - Copper, total [as Cu]	1	0	2		C3 DAILY MX	1.05 mg/l	4,100%	<=.03 mg/l		
E90	02/28/2015	004-A	01105 - Aluminum, total [as Al]	1	0	1		C2 30DA AVG	1,860 mg/l	46,400%	<=4 mg/l	T 02/28/2015	2 06/30/2015
E90	02/28/2015	004-A	01105 - Aluminum, total [as Al]	1	0	1		C3 DAILY MX	1,860 mg/l	23,150%	<=8 mg/l		
E90	02/28/2015	004-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	12/31/2014	002-Q	50060 - Chlorine, total residual	1	0	2		C3 MAXIMUM	.2 mg/l	100%	<=.1 mg/l		

DMR Non-Receipt Violations: Asterisks around a NODI Code (e.g. **X**) indicate the NODI code will not automatically resolve RNC.
Schedule Violations: Schedule Type P - Permit, A - Administrative, J - Judicial

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E90	12/31/2014	003-A	00530 - Solids, total suspended	1	0	1		C2 DAILY AV	8,100 mg/l	26,900%	<=30 mg/l		
E90	12/31/2014	003-A	00530 - Solids, total suspended	1	0	1		C3 DAILY MX	8,100 mg/l	13,400%	<=60 mg/l		
E90	12/31/2014	003-A	00980 - Iron, total recoverable	1	0	1		C2 MO AVG	99.7 mg/l	5,147%	<=1.9 mg/l		
E90	12/31/2014	003-A	00980 - Iron, total recoverable	1	0	1		C3 DAILY MX	99.7 mg/l	2,524%	<=3.8 mg/l		
E90	12/31/2014	003-A	01042 - Copper, total [as Cu]	1	0	2		C2 MO AVG	.24 mg/l	1,288%	<= .02 mg/l		
E90	12/31/2014	003-A	01042 - Copper, total [as Cu]	1	0	2		C3 DAILY MX	.24 mg/l	844%	<= .03 mg/l		
E90	12/31/2014	003-A	01105 - Aluminum, total [as Al]	1	0	1		C2 30DA AVG	2,000 mg/l	49,900%	<=4 mg/l		
E90	12/31/2014	003-A	01105 - Aluminum, total [as Al]	1	0	1		C3 DAILY MX	2,000 mg/l	24,900%	<=8 mg/l		
E90	12/31/2014	003-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	12/31/2014	004-A	00530 - Solids, total suspended	1	0	1		C2 30DA AVG	8,100 mg/l	26,900%	<=30 mg/l	T 02/28/2015	2 06/30/2015
E90	12/31/2014	004-A	00530 - Solids, total suspended	1	0	1		C3 DAILY MX	8,100 mg/l	13,400%	<=60 mg/l		
E90	12/31/2014	004-A	00980 - Iron, total recoverable	1	0	1		C2 MO AVG	99.7 mg/l	5,147%	<=1.9 mg/l	T 02/28/2015	2 06/30/2015
E90	12/31/2014	004-A	00980 - Iron, total recoverable	1	0	1		C3 DAILY MX	99.7 mg/l	2,524%	<=3.8 mg/l		
E90	12/31/2014	004-A	01042 - Copper, total [as Cu]	1	0	2		C2 MO AVG	.24 mg/l	1,288%	<= .02 mg/l	T 02/28/2015	2 06/30/2015
E90	12/31/2014	004-A	01042 - Copper, total [as Cu]	1	0	2		C3 DAILY MX	.24 mg/l	844%	<= .03 mg/l		
E90	12/31/2014	004-A	01105 - Aluminum, total [as Al]	1	0	1		C2 30DA AVG	2,000 mg/l	49,900%	<=4 mg/l	T 02/28/2015	2 06/30/2015
E90	12/31/2014	004-A	01105 - Aluminum, total [as Al]	1	0	1		C3 DAILY MX	2,000 mg/l	24,900%	<=8 mg/l		

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Effluent Violations

Violation Code	Monitoring Period End Date	Limit Set	Parameter	Mon. Loc.	Seas. ID	SNC Group	EA Identifier	Value Type/ Stat. Base	Reported Value/Units	% Exceed.	Limit Value/ Units	RNC Det. Code/ RNC Det. Date	RNC Res. Code/ RNC Res. Date
E90	12/31/2014	004-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	11/30/2014	003-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	11/30/2012	003-A	00530 - Solids, total suspended	1	0	1		C2 DAILY AV	3,200 mg/l	10,567%	<=30 mg/l	T 12/31/2012	2 01/31/2013
E90	11/30/2012	003-A	00530 - Solids, total suspended	1	0	1		C3 DAILY MX	3,200 mg/l	5,233%	<=60 mg/l		
E90	11/30/2012	003-A	00980 - Iron, total recoverable	1	0	1		C2 MO AVG	26.3 mg/l	1,284%	<=1.9 mg/l	T 12/31/2012	2 01/31/2013
E90	11/30/2012	003-A	00980 - Iron, total recoverable	1	0	1		C3 DAILY MX	26.3 mg/l	592%	<=3.8 mg/l		
E90	11/30/2012	003-A	01042 - Copper, total [as Cu]	1	0	2		C2 MO AVG	.11 mg/l	535%	<=.02 mg/l	T 12/31/2012	2 01/31/2013
E90	11/30/2012	003-A	01042 - Copper, total [as Cu]	1	0	2		C3 DAILY MX	.11 mg/l	332%	<=.03 mg/l		
E90	11/30/2012	003-A	01105 - Aluminum, total [as Al]	1	0	1		C2 30DA AVG	565 mg/l	14,025%	<=4 mg/l	T 12/31/2012	2 01/31/2013
E90	11/30/2012	003-A	01105 - Aluminum, total [as Al]	1	0	1		C3 DAILY MX	565 mg/l	6,963%	<=8 mg/l		
E90	11/30/2012	003-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	06/30/2012	002-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	03/31/2012	002-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		
E90	01/31/2012	002-A	00530 - Solids, total suspended	1	0	1		C2 30DA AVG	11,800 mg/l	39,233%	<=30 mg/l	T 01/31/2012	2 05/31/2012
E90	01/31/2012	002-A	00530 - Solids, total suspended	1	0	1		C3 DAILY MX	11,800 mg/l	19,567%	<=60 mg/l		
E90	01/31/2012	002-A	01105 - Aluminum, total [as Al]	1	0	1		C2 30DA AVG	1,430 mg/l	35,650%	<=4 mg/l	T 01/31/2012	2 05/31/2012

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Violation Code	Monitoring Period End Date	Limit Set	Parameter	Mon. Loc.	Seas. ID	SNC Group	EA Identifier	Value Type/ Stat. Base	Reported Value/Units	% Exceed.	Limit Value/ Units	RNC Det. Code/ RNC Det. Date	RNC Res. Code/ RNC Res. Date
E90	01/31/2012	002-A	01105 - Aluminum, total [as Al]	1	0	1		C3 DAILY MX	1,430 mg/l	17,775%	<=8 mg/l		
E90	01/31/2012	002-A	81011 - Solids, suspended percent removal	K	0	1		C1 MINIMUM	51 %	227%	>=85 %		

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Schedule Violations: Schedule Type P - Permit, A - Administrative, J - Judicial

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RNC Detection Codes

Violation Type	RNC Detection Code	RNC Detection Description
DMR Non-Receipt (D80, D90)	K	RPT - Non-receipt Violation, Non-Monthly Average
	N	RPT - Non-Receipt of DMR/Schedule Report
Effluent (E90)	A	ENF - Enforcement Order
	C	CHR - Chronic Violation
	H	CHR - Chronic Violation, Non-Monthly Average
	P	ENF - Enforcement Order, Non-Monthly Average
	R	TRC - TRC Limitations Exceeded, Non-Monthly Average
	T	TRC - TRC Limitations Exceeded
	U	EFF - Other Violation with TRC Non-Monthly Average
	V	EFF - Other Violation with TRC
	X	EFF - Manual Other Violation with TRC
	Y	TRC - Manual TRC
Schedule Violations (C10, C20, C30, C40)	Z	CHR - Manual Chronic
	N	SCH - Non-Receipt of DMR/Schedule Report
	S	SCH - Schedule Violation
Single Event	B	DIS - Manual 2A4 - Pass-Through
	D	DIS - Manual Other
	E	DIS - Manual 2F - Permit Narrative
	F	DIS - Manual 2G - Violation of Concern
	G	DIS - Manual 2A1 - Effluent Violation
	I	DIS - Manual 2A2 - Unauthorized Bypass
	J	DIS - Manual 2A3 - Unpermitted Discharge
	Q	DIS - Manual 2B - Pretreatment
	W	DIS - Manual 2E - Deficient Report

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RNC Resolution Codes

RNC Resolution Status	RNC Resolution Code	RNC Resolution Description
Noncompliant (NC)	1	NC - Unresolved RNC
	A	NC - Manual Unresolved RNC
Resolved Pending (RP)	3	RP - Due to Formal Enforcement Action Final Order with Compliance Schedule
	4	RP - In Compliance with Formal Enforcement Action Final Order Requirement
	7	RP - Manual RP - In Compliance with Formal Enforcement Action Order Requirement
	8	RP - Manual Due to Formal Enforcement Action Formal Order
Resolved (RE)	0	RE - Two Years Past Detection (System Administratively Resolved)
	2	RE - Back into Compliance
	5	RE - Resolved RP by NPDES Closure of Enf. Action Final Order with Comp. Schedule
	6	RE - Manual Resolution by Enforcement Action
	9	RE - Manual by Back into Compliance/Administratively Resolved
	B	RE - Manual by EPA/State/Tribal Action

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NODI Codes

NODI Code	Acceptable?	NODI Description
1	N	Wrong Flow
2	Y	Operation Shutdown
3	Y	Special Report Attached
4	Y	Discharge to Lagoon/Groundwater
5	Y	Frozen Conditions
7	Y	No Influent
8	N	Other (See Comments)
9	Y	Conditional Monitoring - Not Required This Period
A	Y	General Permit Exemption
B	Y	Below Detection Limit/No Detection
C	Y	No Discharge
D	N	Lost Sample/Data Not Available
E	N	Analysis Not Conducted/No Sample
F	Y	Insufficient Flow for Sampling
G	N	Sampling Equipment Failure
H	N	Invalid Test
I	Y	Land Applied
J	Y	Recycled - Water-Closed System
K	Y	Natural Disaster
L	N	DMR Received but not Entered
M	N	Laboratory Error
N	Y	Not Constructed
Q	Y	Not Quantifiable
R	Y	Administratively Resolved
S	Y	Fire Conditions
V	Y	Weather Related
W	Y	Dry Lysimeter/Well
X	N	Parameter/Value Not Reported

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DMR Violation Codes

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Violation	Violation Code	Violation Indicator Type
DMR Non-Receipt Violation	D80	DMR, Monitor Only - Overdue
	D90	DMR, Limited - Overdue
Effluent Violation	E90	DMR, Limited - Numeric Violation

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Schedule Violation Codes

Violation	Violation Code	Violation Indicator Type
Schedule Violation	C10	Schedule Event reported late
	C20	Schedule Event achieved late but reported
	C30	Schedule Event unachieved but reported
	C40	Schedule Event unachieved and not reported

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Monitoring Location Codes

Monitoring Location Codes	Monitoring Location Description
0	Intake
1	Effluent Gross
2	Effluent Net
3	Intake Public Water
4	Pretreatment, Process Complete
5	Upstream Monitoring
6	Downstream Monitoring
7	Intake from Stream
8	Other Treatment, Process Complete
9	Phosphate Removal, Process Complete
A	Disinfection, Process Complete
AP	Alternate Process
B	Prior to Disinfection
C	Nitrogen, Removal Complete
D	Tertiary/Advanced Process Complete
E	Secondary/Biological Process Complete
EG	Effluent Gross
F	Primary/Preliminary Process Complete
G	Raw Sewage Influent
GW	Groundwater
H	During Manufacturing
I	Intake from Well
II	Industrial Influent
IM	Internal Monitoring Point
IN	Allowed Increase
J	Intermediate Treatment, Process Complete
K	Percent Removal
L	Digester
LA	Land Application Soil
N	In Aeration Unit
O	See Comments
P	See Comments
PI	Prior to Irrigation
PR	Prior to Reuse
Q	See Comments
R	See Comments
RS	Beneficial Reuse
RW	Receiving Water
S	See Comments
SC	See Comments
SL	Sludge
T	See Comments
U	See Comments
V	See Comments
W	See Comments
X	End of Chlorine Contact Chamber
Y	Effluent Gross (Supplementary)
Z	Instream Monitoring